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1132 U.S. PTO

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY</b> <b>PATENT APPLICATION</b> <b>TRANSMITTAL</b> (Only for new nonprovisional applications under 37 C.F.R. 1.53(b))	Attorney Docket No.	2204-0911944
	First Inventor	Kenjiro ITO et al.
	Title	"Abrasion Resistant Steel"
	Express Mail Label No.	EL314743752US

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>U.S. Patent and Trademark Office</b> <b>ADDRESS TO:</b> P.O. Box 2327 Arlington, VA 22202
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<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>16</u>] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>2</u>]</p> <p>5. <input type="checkbox"/> Oath or Declaration [Total Pages <u>5</u>]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>9. <input checked="" type="checkbox"/> Assignment Papers (copy from parent)</p> <p>10. <input type="checkbox"/> 37 C.F.R. 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 USC 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: <u>Substitute specification with revisions;</u> <u>Substitute specification with revisions incorporated</u></p>
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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09 / 471,957

Prior application information: Examiner Deborah Yee Group Art Unit: 1742

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 19. CORRESPONDENCE ADDRESS

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Name	Russell D. Orkin				
	Webb Ziesenheim Logsdon Orkin & Hanson				
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	436 Seventh Avenue				
City	Pittsburgh	State	PA	Zip Code	15219-1818
Country	United States	Telephone	412-471-8815	Fax	412-471-4094

Name (Print/Type)	Kent E. Baldauf	Registration No. (Attorney/Agent)	25,826
Signature	<i>Kent E. Baldauf</i>	Date	Nov. 28, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box

**PATENT APPLICATION TRANSMITTAL LETTER**

Box PATENT APPLICATION  
U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Transmitted herewith for filing is the patent application of: Kenjiro ITO, Teruhiko SUETSUGU,  
Hiroshi MORIKAWA and Takashi YAMAUCHI  
Entitled: "Abrasion Resistant Steel"

Small Entity Status:

☐ Small Entity Statement under 37 CFR 1.27 is enclosed  
☐ Small Entity Status is asserted for this application under 37 CFR 1.27

Enclosed are: ☒ 2 sheets of drawings  
☒ Assignment of the invention to: Nisshin Steel Co., Ltd. (copy from parent)  
☒ Declaration and Power of Attorney (copy from parent application)  
☐ Non-Publication Request Under 37 C.F.R. §1.213

**CLAIMS AS FILED**

	<u>No. Filed</u>	<u>No. Extra</u>	<u>Small Entity Rate</u>	<u>Non-Small Entity Rate</u>	<u>Charge</u>
Total					
Claims	<u>2</u>	<u>-20 = 0</u>	x \$ 9.00	x \$ 18.00	\$ <u>          </u>
Indep.					
Claims	<u>2</u>	<u>-3 = 0</u>	x \$ 42.00	x \$ 84.00	\$ <u>          </u>
Multiple Dependent Claim/s			+ \$140.00	+ \$280.00	\$ <u>          </u>
Basic Fee			+ \$370.00	+ \$740.00	\$ <u>740.00</u>
			Total of above Charges		\$ <u>740.00</u>
			Total Fee		\$ <u>740.00</u>

A check in the amount of \$ 740.00 is enclosed to cover the filing fee.

The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 or patent application processing fees under 37 CFR 1.17 associated with this communication to Deposit Account No. 23-0650. Please refund any overpayment to Deposit Account No. 23-0650.

An original and two copies of this sheet are enclosed.

November 28, 2001  
Date

By Kent E. Baldauf  
Kent E. Baldauf  
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Attorney for Applicants  
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Pittsburgh, PA 15219-1818  
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

Kenjiro ITO, Teruhiko SUETSUGU,  
Hiroshi MORIKAWA and Takashi YAMAUCHI

2204-011944

ENTITLED

"Abrasion Resistant Steel"

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*Diane Paull*

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Hiroshi MORIKAWA and Takashi YAMAUCHI

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PATENT APPLICATION

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Kenjiro ITO, Teruhiko SUETSUGU,  
**Hiroshi MORIKAWA and Takashi YAMAUCH**

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*Diane Paull*

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